

Semester 1 Laboratory Schedule (AY2019/2020) : < as of 23 Jul 2019 >

Instructional Week	LAB GRP DAY & DATE		CG2028	EE2026		EE2027	EE2028		EE2028A	EE2033		PC2020	
			PM	AM	PM	PM	AM	PM	AM	AM	PM	AM	PM
2	MON	19-Aug											
	TUE	20-Aug								SL0			
	WED	21-Aug											
	THUR	22-Aug									SL0		
	FRI	23-Aug									SL0		
3	MON	26-Aug			Lab1								
	TUE	27-Aug					PCI-1	PCI-1		SL1*			
	WED	28-Aug		Lab1									
	THUR	29-Aug									SL1*		
	FRI	30-Aug		Lab1				PCI-1			SL1*		
4	MON	2-Sep			Lab2								
	TUE	3-Sep								SL2			
	WED	4-Sep		Lab2									
	THUR	5-Sep									SL2		
	FRI	6-Sep		Lab2							SL2		
5	MON	9-Sep											
	TUE	10-Sep					PCI-2	PCI-2		SL3		pc2020^	
	WED	11-Sep											
	THUR	12-Sep									SL3		pc2020^
	FRI	13-Sep						PCI-2			SL3	pc2020^	
6	MON	16-Sep			Lab3								
	TUE	17-Sep					PCI-3	PCI-3		SL4		pc2020^	
	WED	18-Sep		Lab3									
	THUR	19-Sep									SL4		pc2020^
	FRI	20-Sep		Lab3				PCI-3			SL4	pc2020^	
RECESS													
7	MON	30-Sep			Lab4								
	TUE	1-Oct					PCI-4	PCI-4		SL5			
	WED	2-Oct		Lab4									
	THUR	3-Oct									SL5		
	FRI	4-Oct		Lab4				PCI-4			SL5		
8	MON	7-Oct			Proj1								
	TUE	8-Oct					PCI-5	PCI-5		SL6			
	WED	9-Oct		Proj1									
	THUR	10-Oct									SL6		
	FRI	11-Oct		Proj1				PCI-5			SL6		
9	MON	14-Oct			Proj2	BJT			C-Lab1				
	TUE	15-Oct				BJT	PCI-6	PCI-6		SL7			
	WED	16-Oct	Expt1	Pro2		BJT							
	THUR	17-Oct	Expt1						C-Lab1		SL7		
	FRI	18-Oct		Proj2				PCI-6			SL7		
10	MON	21-Oct			Proj3	BJT			C-Lab2				
	TUE	22-Oct					PCI-7	PCI-7		SL8			
	WED	23-Oct		Proj3		BJT							
	THUR	24-Oct							C-Lab2		SL8		
	FRI	25-Oct		Proj3				PCI-7			SL8		
Deepavali													
11	MON	28-Oct											
	TUE	29-Oct								SL9		pc2020	
	WED	30-Oct	Expt2										
	THUR	31-Oct	Expt2						C-Lab3		SL9		pc2020
	FRI	1-Nov									SL9	pc2020	
12	MON	4-Nov			Proj4	OPAMP			C-Lab4				
	TUE	5-Nov				OPAMP	PCI-8	PCI-8		SL10			
	WED	6-Nov	Expt3	Proj4		OPAMP							
	THUR	7-Nov	Expt3						C-Lab4		SL10		
	FRI	8-Nov		Proj4				PCI-8			SL10		
13	MON	11-Nov				OPAMP							
	TUE	12-Nov								SL11		pc2020	
	WED	13-Nov				OPAMP							
	THUR	14-Nov									SL11		pc2020
	FRI	15-Nov									SL11	pc2020	

MODULES AND LABORATORIES DETAILS

Module Code and Name	Lab Location
CG2028 Computer Organization	Digital Electronics (E4-03-07)
Lecturers in charge	Experiment / Assignment
Rajesh CP & Henry Tan	Expt1 : Assembly Language Programming
Lab Officers	Expt2 : Microarchitecture, Pipelining and Caching
Mr FM Ho, Ms MH Chia & Ms Goh KS	Expt3 : Assignment Assessment
Module Code and Name	Lab Location
EE2026 Digital Design	Digital Electronics (E4-03-07)
Lecturers in charge	Experiment / Assignment
Chua DJ & Massimo	Lab 1: (60) Getting Started
Lab Officers	Lab 2: (60) Combinational Circuits
Mr FM Ho, Ms MH Chia & Ms Goh KS	Lab 3: (60) Sequential Circuits Part 1
	Lab 4: (60) Sequential Circuits Part 2
	Proj 1: (60) Introduction to BASYS3 I/O Devices
	Proj 2: (60) Basic Features Implementation
	Proj 3: (60) Full System Testing
	Proj 4 (60) Project Assessment
Module Code and Name	Lab Location
EE2027 Electronic Circuits	Linear Electronics (E4A-06-03)
Lecturers in charge	Experiment / Assignment
Chor EF, Hong MH, Chim WK	(40) BJT Amplifier
Lab Officers	(40) OPAMP
Mr Uh CL & Ms Rose Seah	
Module Code and Name	Lab Location
EE2028	Digital Electronics (E4-03-07)
Lecturers in charge	Experiment / Assignment
CK Tham & Rajesh CP	PCI-1: (60) Familiarization with Development Environment
Lab Officers	PCI-2: (60) Assembly Language and C Programming
Mr FM Ho, Ms MH Chia & Ms Goh KS	PCI-3: (60) Assignment 1 Assessment
	PCI-4: (60) System Design and Baseboard Familiarization
	PCI-5: (60) Interfacing to Sensors and Output Devices using GPIO, I2C and SPI
	PCI-6: (60) Interrupt Handling and Event Detection
	PCI-7: (60) Interfacing to External System using UART
	PCI-8: (60) Assignment 2 Assessment
Module Code and Name	Lab Location
EE2028A C Programming	Digital Electronics (E4-03-07)
Lecturers in charge	Experiment / Assignment
Bharadwaj V	C-Lab1
Lab Officers	C-Lab2
Mr FM Ho, Ms MH Chia & Ms Goh KS	C-Lab3
	C-Lab4
Module Code and Name	Lab Location
EE2033 Integrated Systems Lab	Linear Electronics (E4A-06-03)
Lecturers in charge	Experiment / Assignment
Heng CH, Luo S & Zhang JW	SL0: Software setup on personal Laptop
Lab Officers	SL1: Measurement of EM spectrum and antenna (* E4-07-08)
Mr Uh CL & Ms Rose Seah	SL2: GNU Radio implementation
	SL3: Opamp GBW and its impact on filter design
	SL4: Filter design and characterization
	SL5: Spectrum analysis and bandwidth investigation
	SL6: OOK modulation and demodulation
	SL7: Mini project session
	SL8: Mini project session
	SL9: Mini project session
	SL10: Mini project session
	SL11: Mini project evaluation (OOK receiver)
Module Code and Name	Lab Location
PC2020 Electromagnetics for EE	Microwave Teaching Lab (E4-07-08) [Weeks 5/6^ (Phy Dept Lab)]
Lecturers in charge	Experiment / Assignment
Chen XD, Chen ZN, Yeo SP	The reflection coefficient and the Smith chart
Lab Officers	
Ms Lee SC, Ms Guo L	

Academic calendar: <http://www.nus.edu.sg/registrar/calendar.html>Examination calendar: <http://www.nus.edu.sg/registrar/event/exam.html>